



Application for Certification as an Eligible Energy Resource Under the Delaware Renewable Energy Portfolio Standard

1. Name of Facility

Szwajnoch, Marcin Residence - M Szwajnoch

2. Facility Address

28948 Lewes Georgetown Hwy

Lewes, DE 19958

Is the facility located within the PJM control area?

☒ Yes

☐ No

If No, does the Facility have import capabilities?

☐ Yes

☐ No

3. Name of Owner

Marcin Szwajnoch

Mailing Address

28948 Lewes Georgetown Hwy

Lewes, DE 19958

Phone **(302) 265-5662**

Fax _____

Email **r1bulu@gmail.com**

4. Name of Operator

same as owner

Mailing Address

Phone _____ Fax _____

Email _____

5. Name of Contact Person

Allyson Browne, SRECTrade, Inc.

Mailing Address

201 California Street, Suite 630

San Francisco, CA 94111

Phone (415) 763 - 7732 ext. 1 Fax (415) 763 - 7732

Email applications@srectrade.com

6. Name of REC/SREC Owner

same as owner

Mailing Address

Phone _____ Fax _____

Email _____

7. List all PJM-EIS GATS State Certification Numbers assigned to this facility:

8. Operational Characteristics:

Fuel Types Used (check all that apply):

☐ Gas combustion from the anaerobic digestion of organic material

☐ Geothermal

☐ Ocean, wave or tidal actions, currents, or thermal differences

☐ Qualified Biomassⁱ

☐ Qualified Fuel Cellsⁱⁱ

☐ Qualified Hydroelectricⁱⁱⁱ

☐ Qualified Methane Gas captured from a landfill gas recovery system^{iv}

☒ Solar

☐ Wind

If co-firing, provide the formula on file with PJM Environmental Information Services, Inc. (PJM-EIS) n/a

Rated Capacity (in megawatts) 0.01944 MW ✓

If multiple fuel types are utilized, attach the formula for computing the proportion of output per fuel type by megawatts per hour generated.

Facility **Final Approved Interconnection Date** 01/29/16 ✓

If co-firing with fossil fuels, co-fire start date n/a

If co-firing with fossil fuels, attach the allocation formula on file with PJM.

9. Is the Applicant's facility customer-sited generation^v?

☒ Yes ☐ No

Is the Applicant's facility a community owned generating facility^{vi}?

☐ Yes ☒ No

Can the output from the customer-sited generation be appropriately metered?

☒ Yes ☐ No

I, Allyson Browne (print name) hereby certify under penalty of perjury that

1. I have made reasonable inquiry, and the information contained in this Application is true and correct to the best of my knowledge, information and belief.
2. I am authorized to submit and execute this Application and to bind myself and/or my company to the representations contained herein.
3. I /my company agree(s) to comply with and be subject to the jurisdiction of the Public Service Commission of the State of Delaware for any matters arising out of my submission of this Application or the granting of the Application.
4. In the event that any of the information contained in this Application changes pending the consideration of this Application or after the Application is granted, I/my company will amend the Application to provide the Commission with such changed information.
5. I acknowledge that if any of the representations made in this Application or in any amendment thereto are found to be untrue when made, I/the company may be subject to sanctions, including but not limited to monetary fines and/or the revocation of any Certificate granted as a result of the representations made in this Application.

Signature: Allyson Browne

Date: 03/23/2016



A PHE Company

PART 1

DELAWARE LEVEL 2, 3, & 4 INTERCONNECTION APPLICATION & AGREEMENT

With Terms and Conditions for Interconnection
(Review of Small Generator Facilities Less Than or Equal to 10 MW³)

(Application & Conditional Agreement – to be completed prior to installation)

INTERCONNECTION CUSTOMER CONTACT INFORMATION

Customer Name: Marcin Szwajnoch

Mailing Address: 28948 Lewes Georgetown Highway

City: Lewes State: DE Zip Code: 19958

Contact Person/Authorized Agent (If other than above): _____

Mailing Address (If other than above): _____

Telephone (Daytime): 302-265-2662 (Evening): _____

Fax Number: _____ E-Mail Address (Required): R1bulu@gmail.com

Alternate Project Contact Information: (if different from Customer-Generator above)

Alternate Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone (Daytime): _____ (Evening): _____

Fax Number: _____ E-Mail Address: _____

If an email is provided for your alternate contact, that contact will receive all email communications.

FACILITY INFORMATION

Facility Address: 28948 Lewes Georgetown Highway

City: Lewes State: DE Zip Code: 19975

DPL Account #: 5500 5988 435 Meter #: NXA076658054 (Required by DPL)

Current Annual Energy Consumption (optional): 22250 kWh

Check if this Facility (building) is, or is going to be, NEW CONSTRUCTION: ☐

³ Up to 2 MW for Net Energy Metering.

Requested Procedure Under Which to Evaluate Interconnection Request:⁴

Please indicate below which review procedure applies to the interconnection request.

- ☐ **Level 2** - Certified interconnection equipment with an aggregate electric nameplate capacity less than or equal to 2 MW. Indicate type of certification below. (Application fee amount is \$50 plus \$1 per KW).
 - ☐ Lab certified - tested to IEEE 1547.1 and other specified standards by a nationally recognized testing laboratory and is appropriately labeled.
 - ☐ Field approved - identical interconnection has been approved by an EDC under a Level 4 study review process within the prior 36 months of the date of this interconnection request.
- ☐ **Level 3** - Small generator facility does not export power. Nameplate capacity rating is equal to less than 50KW if connecting to area network or equal to or less than 10 MW if connecting to a radial distribution feeder. (Application fee amount is \$100 plus \$2 per KW).
- ☐ **Level 4** - Nameplate capacity rating is less than or equal to 10 MW and the small generator facility does not qualify for a Level 1, Level 2 or Level 3 review or, the small generator facility has been reviewed but not approved under a Level 1, Level 2 or Level 3 review. (Application fee amount is \$100 plus \$2 per KW, to be applied toward any subsequent studies related to this application).

Field Approved Equipment:

If the field approved equipment box is checked above, please provide the estimated completion date in the section that follows, then sign the application and return it with the following information that is required for review of Level 2 field approved small generator facilities:

- A copy of the certificate of completion for the previously approved small generator facility,
- A written statement indicating that the interconnection equipment being proposed is identical, except for minor equipment modification, to the one previously approved.

Note: You do not have to complete the rest of the application if field approved equipment is being proposed.

Intent of Generation:

- ☐ Net Meter (Unit will operate in parallel and will export power pursuant to the Net Energy Metering Rider)
- ☐ Aggregated Net Meter (Unit will operate in parallel and will export power pursuant to the Aggregated Net Energy Metering Rider)
- ☐ Community Energy Facility (Unit will operate in parallel and will export power pursuant to the Community Energy Facility Rider)
- ☐ Cogeneration and Small Power Production (Qualifying Facility - Rate X or Rate EP)
- ☐ Wholesale Market Transaction (Unit will operate in parallel and participate in PJM market(s) pursuant to a PJM Wholesale Market Participation Agreement)
- ☐ Offset Partial Load (Unit will operate in parallel, but will not export power at any time to EDC)
- ☐ Back-up Generation (Units that temporarily parallel for more than 100 milliseconds) (Note: Backup units that do not operate in parallel for more than 100 milliseconds do not need an interconnection agreement.)

⁴ **Note:** Descriptions for interconnection review categories do not list all criteria that must be satisfied. For a complete list of criteria, please refer to the Delaware Standard Small Generator Interconnection Procedures, Title 26 - Public Utilities - Chapter 10. Electric Utility Restructuring §1014.

Estimated Commissioning Date: 1/15/15

Energy Source: Solar PV ☒ Prime Mover: Photovoltaics ☒

Type of Application: Initial ☒ Addition/Upgrade ☐ ⁵

Initial Rating: DC Generator Total⁶ Nameplate Rating: 19.44 (kW),
AC Inverter Total⁷ Rating 16.4 (kW),
AC System Design Total Capacity⁸: 16.4 (kW) 16.4 (kVA)

Added Rating (if upgrade): DC Generator Total Nameplate Rating: _____ (kW),
AC Inverter Total Rating _____ (kW),
AC System Design Total Capacity: _____ (kW) _____ (kVA)

Total Rating (if upgrade): DC Generator Total Nameplate Rating: _____ (kW),
AC Inverter Total Rating _____ (kW),
AC System Design Total Capacity: _____ (kW) _____ (kVA)

Generator (or PV Panel) Manufacturer, Model #⁹: Peimar SG270P

A copy of Generator nameplate and Manufacturer's Specification Sheet may also be submitted

Number of Generators (or PV Panels): 72

Type of Tracking if PV: Fixed ☒ Single Axis ☐ Double Axis ☐

Array Azimuth: 260 ° Array Tilt: 23 °

Shading Angles at E,120°,150°,S,210°,240°,W: 0 ° (Separate with commas)

Inverter Manufacturer¹⁰: Fronius Model Number(s) of Inverter¹¹: PRIMO 8.2

Number of Inverters¹²: 2 Inverter Type: Forced Commutated ☐ Line Commutated ☒

Ampere Rating: 68.3 Amps_{AC}, Number of Phases: ☒ 1 ☐ 3

Nominal Voltage Rating: 240 V_{AC}, Nominal DC Voltage: 369.6 V_{DC},

Power Factor: 85-100 %, Frequency: 60 Hz, Efficiency:⁹⁶ _____ (%)

DPL Taggable, Lockable, Accessible Disconnect¹³: ☒ Yes ☐ No,

If Yes, Location: Next to Meter

One-line Diagram Attached (Required): ☒ Yes ☐ No,

Site Plan Attached (Required): ☒ Yes ☐ No

Do you plan to export power?¹⁴ ☒ Yes ☐ No, If Yes, Estimated Maximum: 14 kW_{AC}

Estimated Gross Annual Energy Production: 22457 kWh

⁵ Initial if first time generator request. Addition/Upgrade if this is an add-on to a previously approved system.

⁶ Sum of all generators or PV Panels

⁷ Sum of all inverters

⁸ This will be your system design capacity based upon your unique system variables.

⁹ If more than one type, please list all manufactures and model numbers.

¹⁰ If more than one manufacture, please list all.

¹¹ If more than one model number, please list all.

¹² Attach additional sheets as necessary in the event of multiple inverters of various types/sizes

¹³ This is strongly recommended by the utility. Best practice is to have an externally accessible, lockable, disconnect with visible open/close connection and to have appropriate signage on the disconnect, such as 'Solar PV AC Disconnect' (preferably red) and on the meter housing 'Caution, Solar Electric System' (preferably yellow). If the disconnect is not in the immediate vicinity of the meter, please include the disconnect location on the meter signage. This enables the utility and first responders to more quickly deal with an emergency situation.

Is the inverter IEEE/UL1741 lab certified? Yes ☒ No ☐

(If yes, attach manufacturer's cut sheet showing listing and label information from the appropriate listing authority, e.g. UL 1741 listing. If no, facility is not eligible for Level 1 Application.)

Does the Customer own their own transformer, but primary service is from DPL? ☐ Yes ☒ No

If yes, complete the following electric service information for customer facility where generator will be interconnected:

Capacity: _____ Amps Voltage: _____ Volts

Type of Service: ☒ Single Phase ☐ Three Phase

If 3 Phase Transformer, Indicate Type

Primary Winding ☐ Wye ☐ Delta ☐ Grounded Wye

Secondary Winding ☐ Wye ☐ Delta ☐ Grounded Wye

Transformer Size: _____ kVA Impedance: _____ %

Generator & Prime Mover Data (if applicable):

Energy Source: Solar PV ☒ Energy Converter Type: Photovoltaics

Generator Size(s) (kW or kVA): 8.2 Number of Generator Units: 2

Total Electrical Generation Capacity (kW or kVA): 16.4

Generator Type: ☐ Induction ☒ Inverter ☐ Synchronous ☐ Other: _____

Small Generator Facility Information (if applicable):

List interconnection components/system(s) to be used in the Small Generation Facility that are lab certified (required for Level 2 Interconnection requests only).

Component/System	NRTL Providing Label & Listing
------------------	--------------------------------

1. _____	_____
2. <u>Peimar SG270P</u>	<u>UL 1703</u>
3. <u>Fronius PRIMO 8.2</u>	<u>UL 1741</u>
4. _____	_____
5. _____	_____

Please provide copies of manufacturer brochures or technical specifications

Energy Production Equipment/Inverter Information:

☐ Synchronous ☐ Induction ☒ Inverter ☐ Other _____

Rating: 16.4 kW Rating: 16400 kVA

Rated Voltage: 240 Volts

Rated Current: 68.33 Amps

System Type Tested (Total System): ☒ Yes ☐ No; attach product literature

For Synchronous Machines: (Note: Contact EDC to determine if all the information requested in this section is required for the proposed small generator facility.)

Manufacturer: _____

Model No. _____ Version No. _____

Submit copies of the Saturation Curve and the Vee Curve

¹⁴ Yes, if your expected maximum output of the inverter (kW AC) is greater than the lowest load you anticipate at your facility during maximum PV output (kW). The difference would be the amount you may export.

☐ Salient ☐ Non-Salient

Torque: 108 lb-ft Rated RPM: _____ Field Amperes: _____ at rated generator voltage and current and _____ % PF over-excited

Type of Exciter: _____

Output Power of Exciter: _____

Type of Voltage Regulator: _____

Locked Rotor Current: _____ Amps Synchronous Speed: _____ RPM

Winding Connection: _____ Min. Operating Freq./Time: _____

Generator Connection: ☐ Delta ☐ Wye ☐ Wye Grounded

Direct-axis Synchronous Reactance: (Xd) _____ ohms

Direct-axis Transient Reactance: (X'd) _____ ohms

Direct-axis Sub-transient Reactance: (X''d) _____ ohms

Negative Sequence Reactance: _____ ohms

Zero Sequence Reactance: _____ ohms

Neutral Impedance or Grounding Resistor (if any): _____ ohms

For Induction Machines: (Note: Contact EDC to determine if all the information requested in this section is required for the proposed small generator facility.)

Manufacturer: _____

Model No. _____ Version No. _____

Locked Rotor Current: _____ Amps

Rotor Resistance (Rr) _____ ohms Exciting Current _____ Amps

Rotor Reactance (Xr) _____ ohms Reactive Power Required: _____

Magnetizing Reactance (Xm) _____ ohms _____ VARs (No Load)

Stator Resistance (Rs) _____ ohms _____ VARs (Full Load)

Stator Reactance (Xs) _____ ohms

Short Circuit Reactance (X''d) _____ ohms

Phases: ☐ Single ☐ Three-Phase

Frame Size: _____ Design Letter: _____ Temp. Rise: _____ °C.

Reverse Power Relay Information (Level 3 Review Only):

Manufacturer: _____

Relay Type: _____ Model Number: _____

Reverse Power Setting: _____

Reverse Power Time Delay (if any): _____

ADDITIONAL INFORMATION

DC Source / Prime Mover:

Rating: 19.44 kW Rating: 19440 kVA

Rated Voltage: 369.6 Volts

Open Circuit Voltage (If applicable): 448.4 Volts

Rated Current: 52.62 Amps

Short Circuit Current (If applicable): 58.92 Amps

EQUIPMENT INSTALLATION CONTRACTOR Owner (Customer) Installed: ☐ Yes ☒ No

Contractor Name: Alutech United Inc
Mailing Address: 117 Dixon St
City: Selbyville State: DE Zip Code: 19975
Contact Person: Derek Dykes
Telephone (Daytime): 800-233-1144 (Evening): 302-841-9059
Fax Number: 302-436-5100 E-Mail Address (Required): derek@ecshutters.com

ELECTRICAL CONTRACTOR

Electrical Contractor Name: Alutech United Inc
Mailing Address: 117 Dixon St
City: Selbyville State: DE Zip Code: 19975
Contact Person: Derek Dykes
Telephone (Daytime): 800-233-1144 (Evening): 302-841-9059
Fax Number: 302-436-5100 E-Mail Address: derek@ecshutters.com
License number: T1-0005686

INSURANCE DISCLOSURE

The attached terms and conditions contain provisions related to liability and indemnification, and should be carefully considered by the interconnection customer. The interconnection customer is not required to obtain general liability insurance coverage as a precondition for interconnection approval; however, the interconnection customer is advised to consider obtaining appropriate insurance coverage to cover the interconnection customer's potential liability under this agreement.

CUSTOMER SIGNATURE

I hereby certify that: 1) I have read and understand the terms and conditions which are attached hereto by reference and are a part of this Agreement; 2) I hereby agree to comply with the attached terms and conditions; and 3) to the best of my knowledge, all of the information provided in this application request form is complete and true. I consent to permit the PSC and interconnecting utility to exchange information regarding the generating system to which this application applies.

Interconnection Customer Signature:  Date: 10/20/15
Printed Name: Marcin Szwajnoch Title: Homeowner

Application Fee:

Refer to fees on page 24. Since Level 2 – 4 applications require an application fee, please submit via Mail the application fee in conjunction with the customer application and signed interconnection agreement.

.....

EDC ACKNOWLEDGEMENT (FOR USE BY EDC ONLY)

Receipt of the application fee is acknowledged and the interconnection request is complete.

EDC Signature: _____

Date: _____

Printed Name: _____

Title: _____



Shelly Culver <shelly@greenstreetsolar.com>

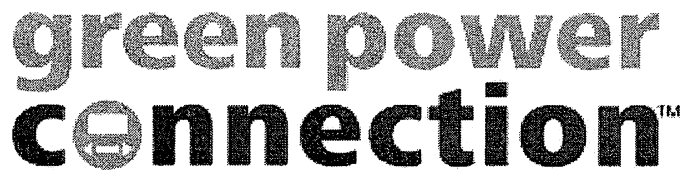
FW: Interconnection Application - Approval to Install For: MARCIN SZWAJNOCH, DE, Level 2, 55005988435

1 message

Derek Dykes <derek@ecshutters.com>

Fri, Dec 11, 2015 at 6:51 AM

To: Russell Pfaller <russell@alutec.com>, "Shelly (Green Street Solar)" <shelly@greenstreetsolar.com>

From: gpc-north@pepcoholdings.com [mailto:gpc-north@pepcoholdings.com]**Sent:** Thursday, December 10, 2015 11:58 PM**To:** R1BULU@GMAIL.COM; boolur1@GMAIL.COM**Cc:** DEREK@ECSHUTTERS.COM; GPCNEM@pepcoholdings.com**Subject:** Interconnection Application - Approval to Install For: MARCIN SZWAJNOCH, DE, Level 2, 55005988435

We support renewable energy and partner with our customers to ensure safe and reliable interconnection of renewable energy into the electric grid.

Your request is documented as follows:

Customer Name:	MARCIN SZWAJNOCH
Street Address:	2948 LEWES GEORGETOWN HWY
City, State:	LEWES, DE
Account Number:	55005988435
Source:	SPV
Generation Size:	16.4
Add-On:	NO

Tariff:

NET METER

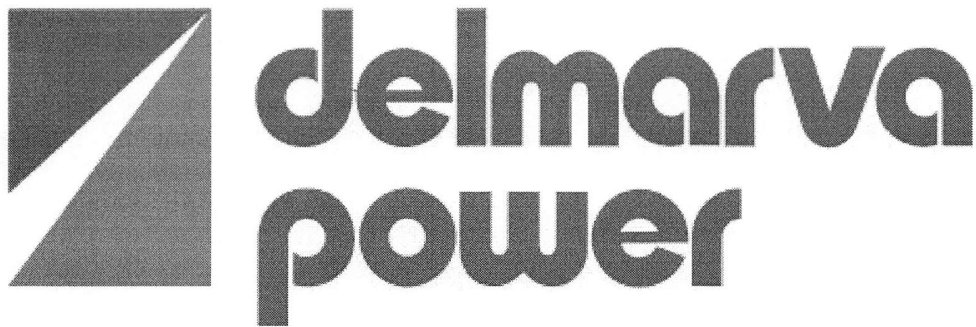
We have completed the technical screen of your interconnection request. Congratulations. The initial part of your interconnection application request is approved and you are now authorized to install your renewable generator system.

Next Steps: You may now build and install your system. After your system has been installed, complete your interconnection request by submitting the following.

- Part II of the Interconnection Application (*Certificate of Completion* ('COC')), and
- local electrical inspection certificate. NOTE: Copies or photos of the inspection stickers will not be accepted.

Friendly reminder: In accordance with State regulations, you are not permitted to turn on your generator system until you have received our written *Authorization to Operate*. Click [HERE](#) to learn more about the potential hazards.

Thank you for the opportunity to assist you with your interconnection request. If you have any questions or concerns, please call (866) 634-5571. **To ensure a response, please send all correspondence to gpc-north@pepcoholdings.com**



Energy for a changing world.™

Your Green Power Connection Team

A PHI Company

(866) 634-5571 - Phone

(856) 351-7523 - Fax

Mailing Address: 5 Collins Drive, Mail Stop 84CP22, Carneys Point, NJ 08069

www.delmarva.com/GPC



A PHE Company

**DELAWARE STANDARD AGREEMENT FOR INTERCONNECTION OF SMALL
GENERATOR FACILITIES WITH A CAPACITY GREATER THAN 10 kW AND LESS THAN
OR EQUAL TO 10 MW¹**

This agreement ("Agreement") is made and entered into this 20th day of October 2015 by and between Marcin Szwajnoch, ("Interconnection Customer," a Contract ² organized and existing under the laws of the State of Delaware, and Delmarva Power & Light Company, ("Electric Distribution Company", (EDC)) a Corporation existing under the laws of the State of Delaware. Interconnection Customer and EDC each may be referred to as a "Party," or collectively as the "Parties."

Recitals:

Whereas, Interconnection Customer is proposing to, install or direct the installation of a Small Generator Facility, or is proposing a generating capacity addition to an existing Small Generator Facility, consistent with the Interconnection Request completed by Interconnection Customer on October 20, 2015; and

Whereas, the Interconnection Customer will operate and maintain, or cause the operation and maintenance of the Small Generator Facility; and

Whereas, Interconnection Customer desires to interconnect the Small Generator Facility with EDC's Electric Distribution System.

Now, therefore, in consideration of the premises and mutual covenants set forth herein, and other good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, the Parties covenant and agree as follows:

1. Scope and Limitations of Agreement

- 1.1. This Agreement shall be used for all approved Level 2, Level 3 and Level 4 Interconnection Requests according to the procedures set forth in the Delaware Standard Small Generator Interconnection Rules, Title 26 - Public Utilities - Chapter 10. Electric Utility Restructuring §1014.
- 1.2. This Agreement governs the terms and conditions under which the Small Generator Facility will interconnect to, and operate in Parallel with, the EDC's Electric Distribution System.
- 1.3. This Agreement does not constitute an agreement to purchase or deliver the Interconnection Customer's power.

¹ Applicable for non-inverter based units less than 10 kW. Up to 2 MW for Net Energy Metering.

² Choices: Individual, Sole Proprietorship, Partnership, Corporation, Limited Liability Company, Municipal Agency, State Agency, Federal Agency, or Non-Profit.

If to EDC:

EDC: _____

Attention: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ E-mail: _____

- 10.2. **Billing and Payment:** Billings and payments shall be sent to the addresses set out below:

If to Interconnection Customer

Interconnection Customer: Marcin Szwajnoch

Attention: _____

Address: 28948 Lewes Georgetown Highway

City: Lewes State: DE Zip: 19958

If to EDC

EDC: _____

Attention: _____

Address: _____

City: _____ State: _____ Zip: _____

- 10.3. **Designated Operating Representative:** The Parties may also designate operating representatives to conduct the communications which may be necessary or convenient for the administration of this Agreement. This person will also serve as the point of contact with respect to operations and maintenance of the Party's facilities.

Interconnection Customer's Operating Representative: Alutech United Inc

Attention: Derek Dykes

Address: 117 Dixon St

City: Lewes State: DE Zip: 19958

Phone: 800-233-1144 Fax: 302-436-5100 E-Mail: derek@ecshutters.com

EDC's Operating Representative: _____

Attention: _____

Address: _____

City: _____ State: _____ Zip: _____


Phone: _____ Fax: _____

- 10.4. Changes to the Notice Information: Either Party may change this notice information by giving five business days written notice prior to the effective date of the change.

11. Signatures

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their respective duly authorized representatives.

For the Interconnection Customer:

Signature: _____ 

Name: Marcin Szwajnoch

Title: Homeowner

Date: 10/20/2015

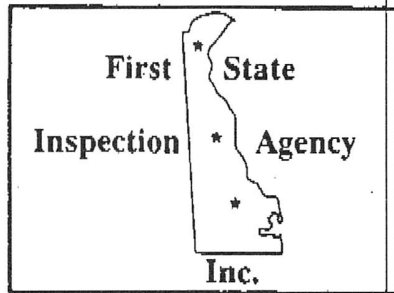
For EDC:

Signature: _____ *Diana C. DeAngelis* Date: 2016.01.29
09:39:22 -05'00'

Name: Diana C. DeAngelis

Title: Regulatory Affairs Lead

Date: 1/29/16



First State Inspection Agency, Inc.
1001 Mattlind Way
Milford, DE 19963

1-800-468-7338
302-422-3859

Alutech United, Inc.
James Rodrigue
PO Box 329
Selbyville, DE 19975

CERTIFICATE

Final Inspection Date:
Application #:
Owner:
Occupancy:
Location:

1-14-16
019503
Marcin Szwajnoch
19.4 KW Solar Array
289481 Lewes Georgetown Hwy.
Lewes, Sussex Co., DE

This certifies that the installation of electrical equipment listed on referenced application has been approved as meeting the requirements of the National Electric Code, utility, municipalities and Agency rules. Any modification, addition or alteration of the electrical system, after the date of final inspection, will require a new application for inspections and certifications.


Chief Electrical Inspector

F.S. CERT

10. If the Applicant's installation is solar or wind sited in Delaware, is a minimum of 50% of the cost of the renewable energy equipment, inclusive of mounting components, manufactured in Delaware?

☒ Yes*

☐ No

Alutech United

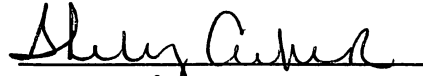
Company Name of Installer

117 Dixon Street

Address

Selbyville, DE 19975

Address



Signature of Company Representative

Shelly Culver

Print Name of Co. Representative

***If Yes, please attach the following documentation:**

- A copy of the supplier's invoice showing Delaware manufactured equipment with this facility identified
 - If the supplier's invoice shows only a coded Purchase Order (PO) number, a copy of the company's matching PO that includes the address where the materials were used/installed, must also be supplied
 - If using a master invoice, a record of the draws against the purchased quantity, on the master invoice, must show the address of each use and the quantity of material used

11. If the Applicant's installation is solar or wind sited in Delaware:

a. Was the facility physically constructed or installed with a workforce that consists of at least 75% Delaware residents?

☒ Yes*

☐ No

b. Does the installing company employ, in total, a minimum of 75% workers who are Delaware residents?

☒ Yes*

☐ No

Alutech United

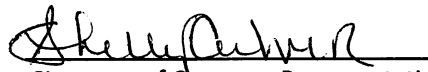
Company Name of Installer

117 Dixon Street

Address

Selbyville, DE 19975

Address



Signature of Company Representative

Shelly Culver

Print Name of Co. Representative

***If Yes, please attach supporting documentation (see pages 7-8 for details). Please note, in order to qualify for the Labor/Workforce Bonus, at least one of the options (a. or b.) must be met.**

Documentation Required for Delaware Labor/Workforce Bonus

11. If the Applicant's installation is solar or wind sited in Delaware:

- a. Was the facility physically constructed or installed with a workforce that consists of at least 75% Delaware residents?

If you answered yes to "a." above, complete the following as evidence.

The following individuals (list every employee) were employed by

Alutech United DBA Green Street Solar

Installation Company Name

as direct labor (physical construction and installation) for this facility: (Attach additional sheets if necessary)

Please complete the following information for all individuals listed above:

Name	Home Address (As per Tax Withholding)	Social Security Number (Last 4 digits only)
N/A		

Total Delaware Resident Employees: 20 Total Number of Employees: 30

% of Delaware Residents (Delaware Residents Divided by Total Employees): 67%

Documentation Required for Delaware Labor/Workforce Bonus

11. If the Applicant's installation is solar or wind sited in Delaware:

- b. Does the installing company employ, in total, a minimum of 75% of workers who are Delaware residents?

If you answered yes to "b." above, complete the following as evidence:

Alutech United DBA Green Street Solar

Installation Company Name

employed the following individuals (list EVERY employee on the payroll during the period from project start date until project completion date). Projects are considered complete upon final interconnection approval to operate. (Attach additional sheets if necessary)

Project Start Date: 1-14-2015 Project Complete Date: 1-17-2015

Employee Full Name	Home Address (As per Tax Withholding)	Social Security Number (Last 4 digits Only)
N/A		

Total Delaware Resident Employees: 20 Total Number of Employees: 30
% of Delaware Residents (Delaware Residents Divided by Total Employees): 67%

	NAME	STREET ADDRESS	CITY	ST	ZIP	SS#
1	Aaron Woods	22763 Coverdale Road	Seaford	DE	19973	25
2	Adam Ash	36096 Zion Church Road	Frankford	DE	19945	24
3	Alfred Bangert	17905 Careys Camp Road	Laurel	DE	19956	33
4	Antione Johnson	27542 Holly Hock Lane	Seaford	DE	19973	29
5	Cody Perry	112 East Tingle Drive	Selbyville	DE	19975	75
6	Daniel Fleetwood, III	36157 Millers Neck Road	Frankford	DE	19945	68
7	David Linehan	26393 Sea Mist Court	Millsboro	DE	19966	85
8	Derek Dykes	31866 Mountain Laurel Ridge	Laurel	DE	19956	74
9	Donnie Baker	35359 Danny Drive	Laurel	DE	19956	60
10	Dustin Brittingham	2 Leah Street	Georgetown	DE	19947	01
11	George Carey	36966 Deer Drive	Selbyville	DE	19975	69
12	George Pfaller	24501 Cedar Lane	Georgetown	DE	19947	48
13	James Webb	629 Gun and Rod Club Road	Harrington	DE	19952	63
14	Jason Killen	16502 Old Furnace Road	Georgetown	DE	19947	18
15	Jason Roth	36851 Old Mill Bridge Road	Selbyville	DE	19975	90
16	Jose Cordoba	Lazy Lagoon Lot 41	Frankford	DE	19945	42
17	Michael Haymond	12640 Beach Hwy.	Greenwood	DE	19950	01
18	Richard Jalot, 2nd	18546 Sand Hill Rd.	Georgetown	DE	19947	22
19	W. Jeffrey Timmons	11127 Signature Blvd.	Selbyville	DE	19975	52
20	William Warden	26163 Kelly Circle	Seaford	DE	19973	89
21	Brian Reed, Jr.	233 Briarwood Circle	Denton	MD	21629	00
22	Erik Diaz-Padilla	105 Caroline St., Unit 6	Ocean City	MD	21842	15
23	John Basch	1504 Sharen Drive, Apt. F	Salisbury	MD	21801	96
24	Kyle Handy	106 Meadow Drive, Unit 208	Easton	MD	21601	00
25	Lisa Bloom	403 143 rd Street, Unit 5	Ocean City	MD	21842	74
26	Mark Caldwell	1004 Philadelphia Avenue, Unit 5	Ocean City	MD	21842	20
27	Richie Wright	5637 Caledonia Drive	Salisbury	MD	21801	40
28	Russell Pfaller	7167 Chatham Manor Way	Pittsville	MD	21850	98
29	Shelly Culver	1010 Marley Manor Drive, #101	Salisbury	MD	21804	59
30	Tyler Burr	403 143 rd Street, Unit 5	Ocean City	MD	21842	69



Green Energy Program

Grant Confirmation & Claim Form

Delaware Division of Energy and Climate - 1203 College Park Drive, Suite 101, Dover, DE 19904

Phone: (302) 735 - 3480 & Fax (302) 739 - 1840

Delaware Green Energy Program Approval (Official Use Only)

Grant Reservation Number: 6948-pv DNREC ID: 10626-P-R

Approval Date: 11/25/2015

(Approvals: Valid 6 Months Residential
- 12 months Commercial)

Grant Approval

Owner name Marcin Szwajnoch
Grant Recipient name (if different than owner)
Property Owner Marcin Szwajnoch
Installation Address 28948 Lewes Georgetown Highway
Lewes DE 19958
Amount Approved: \$ 3300

This project has been approved for funds. The system must be installed, placed in service, and have all required documentation submitted to the Energy Office within the approval period. This approval is valid only for the named applicant and the named site, and is subject to all program regulations

The approved funds will be paid as Green Energy Program grant funding is available. Complete applications are queued for payment after final grant completion documentation is submitted and accepted by the Green Energy Program Team

Funding is collected by the State each month from Delmarva Power and Light for the program. Applicants with completed applications can track their grant payment status on the Green Energy Program website. Approved and queued applicants will not be affected by any future program changes.

System Information

Installation type ☒ Residential
☐ Commercial
☐ Non-profit

Declaration

I certify that:

I meet all the program eligibility requirements and agree to abide by all laws, rules, and regulations applicable to program participation.

I understand that I am solely responsible for submission of all program documents to the Delaware Green Energy Program. The Delaware Division of Energy and Climate will determine the final grant approval and funding based on the applicant's completion documents.

I understand and agree:

- 1) as the purchaser, that the information provided in this form is true and correct to the best of my knowledge.
- 2) as the contractor or installer, that the information provided in this form is true and correct
- 3) the installation site is located in the power delivery service territory of Delmarva Power and Light
- 4) the State of Delaware and its agent provide no warranty for system components, installation, performance, or operation of the above renewable energy system.
- 5) all warranties are provided by the installing contractor and manufacturer
- 6) the purchaser has received a copy of all application materials and that the proposed site and completed work may be inspected by the Division of Energy and Climate or its agent or risk forfeiture of grant
- 7) there were no changes in the information regarding the retailer, installer, purchaser, system specifications, installation location, or price from the information provided on the Green Energy Program grant application
- 8) I acknowledge that the grant wait time could be lengthy, meaning over 3 years to receive payment, and I understand and accept it could be longer Initial: MS

Signatures

Purchaser	Contractor / Installer
<input checked="" type="checkbox"/> I have received an owners manual.	<input checked="" type="checkbox"/> I provided an owners manual.
<input checked="" type="checkbox"/> I have a copy of the warranty.	<input checked="" type="checkbox"/> I gave a copy of the warranty.
<input checked="" type="checkbox"/> I have been given a system orientation.	<input checked="" type="checkbox"/> I gave a system orientation.
Signature: <i>MS</i>	Signature: <i>Shelly Culver</i>
Date: 02/02/16	Date: 2-2-16
Printed Name: MARCIN SZWAJNOCH	Printed Name: Shelly Culver



Green Street Solar
 117 Dixon Street
 Selbyville, DE 19970
 302-297-8174

Billing Address:

Marcin Concessions LLC
 Marcin Szwajnoch
 28948 Lewes Georgetown Hwy
 Lewes, DE 19958

Service Address:

Marcin Concessions LLC
 Marcin Szwajnoch
 28948 Lewes Georgetown Hwy
 Lewes, DE 19958

Invoice: i-1601-25586

Customer ID	Customer PO	Invoice Date	
C-59641	Szwajnoch Solar Order	01/29/16	
Sales Rep	Shipping Method	Ship Date	
EC-Russell	DE-	01/29/16	

<u>Qty.</u>	<u>Product</u>	<u>Unit Price</u>	<u>Amount</u>
	Solar Electric Sytem		44,000.00

Payment Terms:

Due upon signing this agreement (Deposit) \$14,667.00

Total	44,000.00
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-----Payments-----

1/8/2016 - Payment by Check: -\$14,667.00
 Ref.: 5028
 10/21/2015 - Payment by Check: -\$14,667.00
 Ref.: 4799
 2/3/2016 - Payment by Check: -\$14,666.00
 Ref.: 5083

Payment Due:

Paid In Full - Balance: \$0.00

Any balances remaining unpaid after invoice date, are subject to a 1.5% service charge per month which is 18% per annum. Balances more than 60 days past the invoice date will be turned over for collection and subject to collection costs and attorney fees in addition to above costs. **For your convenience we accept Visa, Mastercard, Discover & AMEX (note: a 3% convenience fee will be added)**

Green Street Solar - a Division of Alutech United, Inc.

117 Dixon Street, Selbyville, DE 19975 Phone: 302-297-8174, Fax: 302-436-5100, Toll free: 1-800-834-5196